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PATENT  
Attorney Docket No. 13441US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Esin Terzioglu  
Morteza Cyrus Afghahi  
Mehdi Hatamian

Serial No. 09/775,477

Filed: February 2, 2001

For: MEMORY MODULE  
WITH HIERARCHICAL  
FUNCTIONALITY

Examiner: Andrew Q. Tran

Group Art Unit: 2824

) **CERTIFICATE OF MAILING**

) I hereby certify that this correspondence is  
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22313-1450 on :

MAR. 16 2004

Ronald E. Larson

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Reg. No. 24,478

**TRANSMITTAL OF SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
AFTER APPLICATION FILING DATE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**ENCLOSURES**

Enclosed are the following:

- \* A completed form PTO/SB/08A which has one (1) page.
- \* A copy of printed or patented reference listed in the enclosed form 1449 and not previously provided to or by the PTO in this application. Two (2) references are enclosed.
- \* A copy of European Search Report received from the European Patent Office for the European application no. EP 03024893, Communication dated February 18, 2004, corresponding to the parent of the above application. References US 5,751,648 and US 6,009,024 were previously cited in Supplemental Information Disclosure Statement filed with the USPTO January 17, 2002.

## **FEE DETERMINATION**

- \* No fee is believed to be due because:
  - \* In accordance with 37 CFR §1.97(e), each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this statement.

## **FEE PAYMENT**

The following arrangements have been made to pay the fees calculated above:

- \* No fee is believed to be due.

The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

## **REQUEST FOR CONSIDERATION**

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above. The Examiner is requested to initial both copies of the enclosed form PTO/SB/08A and return one copy to the applicants to indicate consideration of the enclosed references.

Respectfully submitted,

Dated: MAR. 16, 2004

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SUSAN L. TRADMARK OFFICE  
SUBSTITUTE FOR FORM 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/775,477
Filing Date	Feb. 2, 2001
First Named Inventor	Esin Terzioglu
Group Art Unit	2824
Examiner Name	Andrew Tran
Attorney Docket Number	13441US02

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	4,984,202	01/08/1991	Kawahara et al.	Col. 13, line 46-49; Fig. 19
	A2	5,734,616	3/31/1998	Kazama et al.	Col. 4, line 34-43; Col. 8, line 15-19 – Col. 12, line 22-25; Col. 10, line 66 – Col. 11, line 6, Figs. 1,2,6,8,11
	A3				
	A4				
	A5				
	A6				

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A7					
	A8					
	A9					
	A10					
	A11					

## OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A12	
	A13	
	A14	
	A15	
	A16	

EXAMINER SIGNATURE	DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.